ORTEC

ORTEC 807 vakuumkammare

Vacuum chamber for alpha/beta

Vacuum chamber for routine alpha and beta activity measurement with a semiconductor detector and prepared sample.



Net weight

1.1 kg [1]

Specifications

Sample-to-detector spacing	Variable up to approximately 12.7 cm	[1]
Net weight	1.1 kg	[1]
Vacuum connection	Swagelok fitting for 1/4-inch outside-diameter tubing	[1]
Detector connector	Female BNC outside, male Microdot inside	[1]
Overall dimensions	Height 21.0 cm; base diameter 15.24 cm; valve projects 4.93 cm beyond base	[1]
Internal chamber dimensions	Depth 14.45 cm; mouth width 10.48 cm	[1]
Materials	Aluminum, chrome-plated brass, stainless steel; wood base	[1]
Vacuum control	Single valve for pumping and venting	[1]

Sources

[1] **807 Vacuum Chamber**
ORTEC (AMETEK) · product-page · Specifications tab; More Information; Specifications tab – Dimensions · checked 2026-10-16
https://web.archive.org/web/20261016000000/https://www.ortec-online.com/products/radiation-detectors/silicon...

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.